

Appl. No. : 10/063,731
Filed : May 8, 2002

AMENDMENTS TO THE CLAIMS

1. **(Currently amended)** An isolated nucleic acid having at least 80% nucleic acid sequence identity to:

- (a) a nucleic acid sequence encoding the polypeptide ~~of shown in Figure 118~~ (SEQ ID NO:118);
- (b) a nucleic acid sequence encoding the polypeptide ~~of shown in Figure 118~~ (SEQ ID NO:118), lacking its associated signal peptide;
- (c) a nucleic acid sequence encoding the extracellular domain of the polypeptide ~~of shown in Figure 118~~ (SEQ ID NO:118);
- (d) a nucleic acid sequence encoding the extracellular domain of the polypeptide ~~of shown in Figure 118~~ (SEQ ID NO:118), lacking including its associated signal peptide;
- (e) the nucleic acid sequence shown ~~of in Figure 117~~ (SEQ ID NO:117);
- (f) the full-length coding sequence of the nucleic acid sequence ~~of shown in Figure 117~~ (SEQ ID NO:117); or
- (g) the full-length coding sequence of the cDNA deposited under ATCC accession number 203363;

wherein said extracellular domain is selected from the group consisting of amino acids 24-80 and amino acids 142-172 of SEQ ID NO: 118; and

wherein said isolated nucleic acid is more highly expressed in normal lung tissue compared to lung tumor or wherein said isolated nucleic acid encodes a polypeptide that is more highly expressed in normal lung compared to lung tumor.

2. **(Currently amended)** The isolated nucleic acid of Claim 1 having at least 85% nucleic acid sequence identity to:

- (a) a nucleic acid sequence encoding the polypeptide ~~of shown in Figure 118~~ (SEQ ID NO:118);
- (b) a nucleic acid sequence encoding the polypeptide ~~of shown in Figure 118~~ (SEQ ID NO:118), lacking its associated signal peptide;
- (c) a nucleic acid sequence encoding the extracellular domain of the polypeptide ~~of shown in Figure 118~~ (SEQ ID NO:118);

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- (d) a nucleic acid sequence encoding the extracellular domain of the polypeptide of shown in Figure 118 (SEQ ID NO:118), lacking including its associated signal peptide;
- (e) the nucleic acid sequence shown of in Figure 117 (SEQ ID NO:117);
- (f) the full-length coding sequence of the nucleic acid sequence of shown in Figure 117 (SEQ ID NO:117); or
- (g) the full-length coding sequence of the cDNA deposited under ATCC accession number 203363;
wherein said extracellular domain is selected from the group consisting of amino acids 24-80 and amino acids 142-172 of SEQ ID NO: 118; and
wherein said isolated nucleic acid is more highly expressed in normal lung tissue compared to lung tumor or wherein said isolated nucleic acid encodes a polypeptide that is more highly expressed in normal lung compared to lung tumor.

3. **(Currently amended)** The isolated nucleic acid of Claim 1 having at least 90% nucleic acid sequence identity to:

- (a) a nucleic acid sequence encoding the polypeptide of shown in Figure 118 (SEQ ID NO:118);
- (b) a nucleic acid sequence encoding the polypeptide of shown in Figure 118 (SEQ ID NO:118), lacking its associated signal peptide;
- (c) a nucleic acid sequence encoding the extracellular domain of the polypeptide of shown in Figure 118 (SEQ ID NO:118);
- (d) a nucleic acid sequence encoding the extracellular domain of the polypeptide of shown in Figure 118 (SEQ ID NO:118), lacking including its associated signal peptide;
- (e) the nucleic acid sequence shown of in Figure 117 (SEQ ID NO:117);
- (f) the full-length coding sequence of the nucleic acid sequence of shown in Figure 117 (SEQ ID NO:117); or
- (g) the full-length coding sequence of the cDNA deposited under ATCC accession number 203363;

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wherein said extracellular domain is selected from the group consisting of amino acids 24-80 and amino acids 142-172 of SEQ ID NO: 118; and

wherein said isolated nucleic acid is more highly expressed in normal lung tissue compared to lung tumor or wherein said isolated nucleic acid encodes a polypeptide that is more highly expressed in normal lung compared to lung tumor.

4. **(Currently amended)** The isolated nucleic acid of Claim 1 having at least 95% nucleic acid sequence identity to:

- (a) a nucleic acid sequence encoding the polypeptide of shown in Figure 118 (SEQ ID NO:118);
- (b) a nucleic acid sequence encoding the polypeptide of shown in Figure 118 (SEQ ID NO:118), lacking its associated signal peptide;
- (c) a nucleic acid sequence encoding the extracellular domain of the polypeptide of shown in Figure 118 (SEQ ID NO:118);
- (d) a nucleic acid sequence encoding the extracellular domain of the polypeptide of shown in Figure 118 (SEQ ID NO:118), lacking including its associated signal peptide;
- (e) the nucleic acid sequence shown of in Figure 117 (SEQ ID NO:117);
- (f) the full-length coding sequence of the nucleic acid sequence of shown in Figure 117 (SEQ ID NO:117); or
- (g) the full-length coding sequence of the cDNA deposited under ATCC accession number 203363;

wherein said extracellular domain is selected from the group consisting of amino acids 24-80 and amino acids 142-172 of SEQ ID NO: 118; and

wherein said isolated nucleic acid is more highly expressed in normal lung tissue compared to lung tumor or wherein said isolated nucleic acid encodes a polypeptide that is more highly expressed in normal lung compared to lung tumor.

5. **(Currently amended)** The isolated nucleic acid of Claim 1 having at least 99% nucleic acid sequence identity to:

- (a) a nucleic acid sequence encoding the polypeptide of shown in Figure 118 (SEQ ID NO:118);

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- (b) a nucleic acid sequence encoding the polypeptide of shown in Figure 118 (SEQ ID NO:118), lacking its associated signal peptide;
- (c) a nucleic acid sequence encoding the extracellular domain of the polypeptide of shown in Figure 118 (SEQ ID NO:118);
- (d) a nucleic acid sequence encoding the extracellular domain of the polypeptide of shown in Figure 118 (SEQ ID NO:118), lacking including its associated signal peptide;
- (e) the nucleic acid sequence shown of in Figure 117 (SEQ ID NO:117);
- (f) the full-length coding sequence of the nucleic acid sequence of shown in Figure 117 (SEQ ID NO:117); or
- (g) the full-length coding sequence of the cDNA deposited under ATCC accession number 203363;
wherein said extracellular domain is selected from the group consisting of amino acids 24-80 and amino acids 142-172 of SEQ ID NO: 118; and
wherein said isolated nucleic acid is more highly expressed in normal lung tissue compared to lung tumor or wherein said isolated nucleic acid encodes a polypeptide that is more highly expressed in normal lung compared to lung tumor.

6. (Currently amended) An isolated nucleic acid comprising:
- (a) a nucleic acid sequence encoding the polypeptide of shown in Figure 118 (SEQ ID NO:118);
- (b) a nucleic acid sequence encoding the polypeptide of shown in Figure 118 (SEQ ID NO:118), lacking its associated signal peptide;
- (c) a nucleic acid sequence encoding the extracellular domain of the polypeptide of shown in Figure 118 (SEQ ID NO:118);
- (d) a nucleic acid sequence encoding the extracellular domain of the polypeptide of shown in Figure 118 (SEQ ID NO:118), lacking including its associated signal peptide;
- (e) the nucleic acid sequence shown of in Figure 117 (SEQ ID NO:117);
- (f) the full-length coding sequence of the nucleic acid sequence of shown in Figure 117 (SEQ ID NO:117); or

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(g) the full-length coding sequence of the cDNA deposited under ATCC accession number 203363;

wherein said extracellular domain is selected from the group consisting of amino acids 24-80 and amino acids 142-172 of SEQ ID NO: 118.

7. **(Currently amended)** The isolated nucleic acid of Claim 6 comprising a nucleic acid sequence encoding the polypeptide of shown in Figure 118 (SEQ ID NO:118).

8. **(Currently amended)** The isolated nucleic acid of Claim 6 comprising a nucleic acid sequence encoding the polypeptide shown of in Figure 118 (SEQ ID NO:118), lacking its associated signal peptide.

9. **(Currently amended)** The isolated nucleic acid of Claim 6 comprising a nucleic acid sequence encoding the extracellular domain of the polypeptide of shown in Figure 118 (SEQ ID NO:118).

10. **(Currently amended)** The isolated nucleic acid of Claim 6 comprising a nucleic acid sequence encoding the extracellular domain of the polypeptide of shown in Figure 118 (SEQ ID NO:118), lacking its associated signal peptide.

11. **(Currently amended)** The isolated nucleic acid of Claim 6 comprising the nucleic acid sequence of shown in Figure 117 (SEQ ID NO:117).

12. **(Currently amended)** The isolated nucleic acid of Claim 6 comprising the full-length coding sequence of the nucleic acid sequence of shown in Figure 117 (SEQ ID NO:117).

13. **(Original)** The isolated nucleic acid of Claim 6 comprising the full-length coding sequence of the cDNA deposited under ATCC accession number 203363.

14. **(Currently amended)** An isolated nucleic acid that hybridizes under stringent conditions to:

(a) a nucleic acid sequence encoding the polypeptide of shown in Figure 118 (SEQ ID NO:118);

(b) a nucleic acid sequence encoding the polypeptide of shown in Figure 118 (SEQ ID NO:118), lacking its associated signal peptide;

(c) a nucleic acid sequence encoding the extracellular domain of the polypeptide of shown in Figure 118 (SEQ ID NO:118);

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- (d) a nucleic acid sequence encoding the extracellular domain of the polypeptide of shown in Figure 118 (SEQ ID NO:118), lacking including its associated signal peptide;
- (e) the nucleic acid sequence shown of in Figure 117 (SEQ ID NO:117);
- (f) the full-length coding sequence of the nucleic acid sequence of shown in Figure 117 (SEQ ID NO:117); or
- (g) the full-length coding sequence of the cDNA deposited under ATCC accession number 203363;

wherein said extracellular domain is selected from the group consisting of amino acids 24-80 and amino acids 142-172 of SEQ ID NO: 118; and

wherein said stringent conditions comprise 50% formamide, 5 x SSC (0.75 M NaCl, 0.075 M sodium citrate), 50 mM sodium phosphate (pH 6.8), 0.1% sodium pyrophosphate, 5 x Denhardt's solution, sonicated salmon sperm DNA (50 µg/ml), 0.1% SDS, and 10% dextran sulfate at 42°C, with washes at 42°C in 0.2 x SSC (sodium chloride/sodium citrate) and 50% formamide at 55°C, followed by a high-stringency wash consisting of 0.1 x SSC containing EDTA at 55°C.

15. **Canceled**

16. **(Original)** The isolated nucleic acid of Claim 14 which is at least 10 nucleotides in length.

17. **(Original)** A vector comprising the nucleic acid of Claim 1.

18. **(Original)** The vector of Claim 17, wherein said nucleic acid is operably linked to control sequences recognized by a host cell transformed with the vector.

19. **(Original)** A host cell comprising the vector of Claim 17.

20. **(Original)** The host cell of Claim 19, wherein said cell is a CHO cell, an E. coli or a yeast cell.